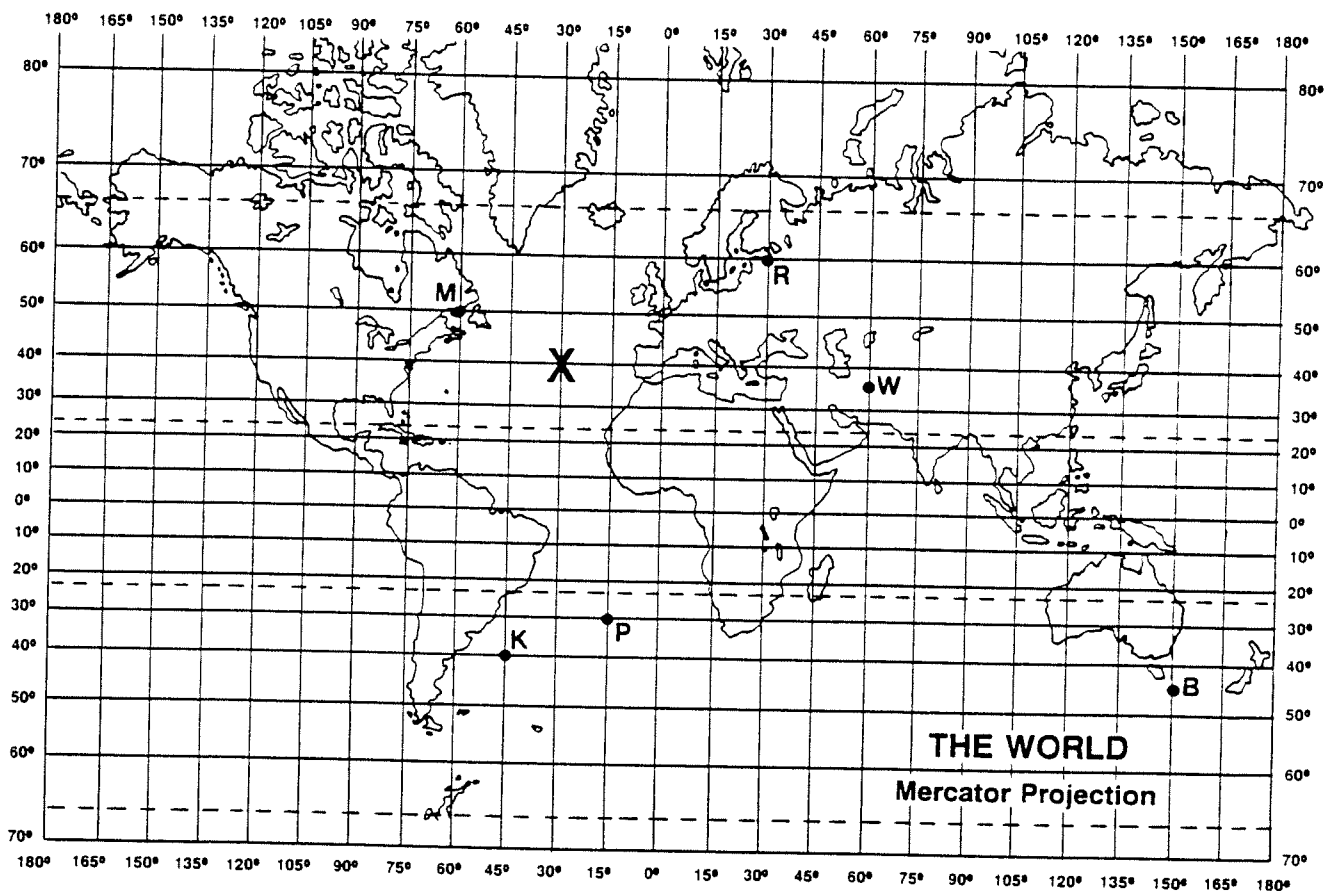


Name \_\_\_\_\_ Date \_\_\_\_\_

## LOCATING PLACES WITH LATITUDE AND LONGITUDE



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If friends say to you that they will meet you on Main Street, your first question will probably be, "Where on Main Street?"

Your friends might then reply, "We'll meet you at Main Street and Cherry Street." Then you would know exactly where to go.

Similarly, it is not enough to say, "The city is somewhere on latitude 40°N." You have to know *where* on 40°N. In map reading you would give the number of the line of longitude that crosses 40°N. Thus, as you can see on the map there is a large X at the point where 40°N is crossed by 30°W.

When writing latitude and longitude positions it is important to include N or S, E or W. 10°S, for example, is a different line than 10°N; 90°W is a different line than 90°E.

## Using Latitude and Longitude Together

1. What letter is at:

50°N - 60°W? \_\_\_\_\_ 30°S - 15°W? \_\_\_\_\_

60°N - 30°E? \_\_\_\_\_ 35°N - 60°E? \_\_\_\_\_

40°S - 45°W? \_\_\_\_\_ 45°S - 150°E? \_\_\_\_\_

2. Print a G at 10°N - 75°E.

Print an H at 60°S - 120°W.

Print a J at 0° - 0°.

3. Challenge: Find the position.

a. Start at 40°S - 150°W.

b. Move eastward 30°.

c. Move southward 20°.

d. Move eastward 15°. Print a dot and the letter T where the lines of latitude and longitude cross.

e. What is the position? \_\_\_\_\_